

## ABSTRACT OF THE DISCLOSURE

A laundry drier and control method thereof are provided, by which a new reference voltage is set to perform a next drying procedure if, upon a determination of a completion of a current drying procedure, there is a difference between a voltage representing a sensed level of water content (moisture) present in laundry and a sensed-moisture value at the end of the drying procedure, thereby compensating for the presence of contamination on and around the electrodes of a moisture sensor. The laundry drier includes a heater for performing a drying procedure; a moisture sensor for sensing a level of moisture in laundry during the drying procedure and outputting a voltage signal; a memory for storing a reference voltage value and a voltage value according to the sensed moisture level; and a microcomputer for controlling the heater based on the voltage signal output of the moisture sensor. The control method includes steps of driving a heater for a first predetermined time of a drying procedure; sensing a level of moisture in laundry after the first predetermined time has elapsed; storing in a memory a reference voltage value and a first value corresponding to the sensed moisture level; comparing the stored values, to determine a completion of the drying procedure; obtaining a second value corresponding to the sensed moisture level by driving the heater for a second predetermined time after the completion of the drying procedure; and compensating for an error in the sensed moisture level by resetting the reference voltage value according to a comparison of the first and second values.